

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME GROW CHEMICAL SEALANTS CORPORATION		EMERGENCY TELEPHONE NO. (213) 269-0461
ADDRESS (Number, Street, City, State, and ZIP Code) 3137 East 26th Street., Los Angeles, California 90023		
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS GC-402	
CHEMICAL FAMILY Polysulfide	FORMULA HS-R-SH	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS	25		BASE METAL		
CATALYST	5		ALLOYS		
VEHICLE	70		METALLIC COATINGS		
SOLVENTS	0		FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES Less than	3		OTHERS		
OTHERS					

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (Units)

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	N.A.	SPECIFIC GRAVITY (H ₂ O=1)	1.5
VAPOR PRESSURE (mm Hg.)	N.A.	PERCENT, VOLATILE BY VOLUME (%)	Less than .2
VAPOR DENSITY (AIR=1)	N.A.	EVAPORATION RATE (_____ =1)	N.A.
SOLUBILITY IN WATER	No		
APPEARANCE AND ODOR	Off white to gray semi-solid		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) Open cup greater than 400°F	FLAMMABLE LIMITS N.A.	Lel	Uel
EXTINGUISHING MEDIA Water, CO₂, foam, dry chemicals			
SPECIAL FIRE FIGHTING PROCEDURES			
None			
UNUSUAL FIRE AND EXPLOSION HAZARDS			
None			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE	Ingestion 0.5-5 gr/kilo
EFFECTS OF OVEREXPOSURE	May cause skin or eye irritation upon contact.
EMERGENCY AND FIRST AID PROCEDURES	Wash hands thoroughly. Flush eyes copiously with water. Give emetic if ingested

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	Store below 80°F
INCOMPATIBILITY (Materials to avoid)			
HAZARDOUS DECOMPOSITION PRODUCTS Strong bases and oxidizing agents			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Scrape up and clean with ketones or toluene.
WASTE DISPOSAL METHOD
Normal non-hazardous trash disposal.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)		
None required		
VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General)	Sufficient
PROTECTIVE GLOVES	Recommended	EYE PROTECTION
OTHER PROTECTIVE EQUIPMENT	none	Recommended

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Wash hands thoroughly after handling. Do not ingest. Store indoors below 80°F
OTHER PRECAUTIONS
None